



PUBLIC NOTICE

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**OFFICE OF ENGINEERING AND TECHNOLOGY
SEEKS COMMENT ON MEASUREMENT REPORT OF DTV RECEIVER
INTERFERENCE REJECTION CAPABILITIES**

ET Docket No. 04-186

Comments due: April 30, 2007
Reply comments due: May 15, 2007

On October 12, 2006, the Commission adopted a First Report and Order and Further Notice of Proposed Rule Making in ET Docket Nos. 04-186 and 02-380 to permit the operation of new low power devices in the broadcast television spectrum on channels/frequencies that are not being used for authorized services. In that action, the Commission also stated that its Laboratory was conducting a testing program to quantify the interference rejection capabilities of DTV receivers and intends to issue a report of the results of these measurements by March 2007.

The Commission's Laboratory recently completed this testing program and released a report of the measurement results:

- The testing program examined the out-of-channel interference rejection performance of a representative sample of eight DTV receivers with fifth generation tuners that were available in 2005 and 2006.
- A total of 2055 individual measurements were performed on these receivers.
- Each test involved feeding a desired signal to the television under test and injecting an interfering signal on a different channel or combination of channels. The different tests varied the level of the desired signal and interfering signal(s).
- The results show the interference rejection capabilities of the DTV receivers that were tested.
- The information from these tests is generally useful to analyze the potential for interference to DTV broadcasts from out-of-band signals. However this information is only one element of many that must be examined in evaluating the possibilities for operation of new low power devices in unused portions of the TV broadcast bands.

This report is available through the Commission's Electronic Comment Filing System (ECFS) at <http://www.fcc.gov/cgb/ecfs/>. It is also available on the Commission's web site at www.fcc.gov/oet/.

Interested parties may file comments on this report no later than April 30, 2007. Reply comments are due no later than May 15, 2007. All filings should reference ET Docket No. 04-186.

Comments may be filed using: (1) the Commission's Electronic Comment Filing System (ECFS), (2) the Federal Government's eRulemaking Portal, or (3) paper copies. *See Electronic Filing of Documents in Rulemaking Proceedings*, 63 FR 24121 (1998).

- **Electronic Filers:** Comments may be filed electronically using the Internet by accessing the ECFS: <http://www.fcc.gov/cgb/ecfs/> or the Federal eRulemaking Portal: <http://www.regulations.gov>. Filers should follow the instructions provided on the website for submitting comments.
- **For ECFS filers,** if multiple docket or rulemaking numbers appear in the caption of this proceeding, filers must transmit one electronic copy of the comments for each docket or rulemaking number referenced in the caption. In completing the transmittal screen, filers should include their full name, U.S. Postal Service mailing address, and the applicable docket or rulemaking number. Parties may also submit an electronic comment by Internet e-mail. To get filing instructions, filers should send an e-mail to ecfs@fcc.gov, and include the following words in the body of the message, "get form." A sample form and directions will be sent in response.
- **Paper Filers:** Parties who choose to file by paper must file an original and four copies of each filing. If more than one docket or rulemaking number appears in the caption of this proceeding, filers must submit two additional copies for each additional docket or rulemaking number.

Filings can be sent by hand or messenger delivery, by commercial overnight courier, or by first-class or overnight U.S. Postal Service mail (although we continue to experience delays in receiving U.S. Postal Service mail). All filings must be addressed to the Commission's Secretary, Office of the Secretary, Federal Communications Commission.

- The Commission's contractor will receive hand-delivered or messenger-delivered paper filings for the Commission's Secretary at 236 Massachusetts Avenue, NE, Suite 110, Washington, DC 20002. The filing hours at this location are 8:00 a.m. to 7:00 p.m. All hand deliveries must be held together with rubber bands or fasteners. Any envelopes must be disposed of before entering the building.
- Commercial overnight mail (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9300 East Hampton Drive, Capitol Heights, MD 20743.
- U.S. Postal Service first-class, Express, and Priority mail must be addressed to 445 12th Street, SW, Washington DC 20554.

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For questions concerning ~~the~~ DTV receiver measurement report, please contact Mr. Steve Martin, (301) 362-3052, e-mail Steve.Martin@fcc.gov. For further information concerning this public notice, please contact Mr. Hugh L. **Van** Tuyl, (202) 418-7506, e-mail Hugh.VanTuyl@fcc.gov.

Chief, Office of Engineering and Technology.

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